Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 00:00 on Sunday 30 Jul 2023 until 23:59 on Monday 31 Jul 2023

Forecast Issued on Saturday 29 Jul 2023 at 12:53

Confidence: High confidence for a continuation of changeable and unsettled weather. Lower for details of rain and low cloud, particularly the clearance of rain late Sunday and the timing of rain on Tuesday.

Headline for Sunday 30 Jul 2023: Cloudy start, with outbreaks of drizzle in the west. Short-lived bright spells before thick cloud and heavy, and persistent, rain arrives from the west. Windy.

Mountain weather hazards on Sunday 30 Jul 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Drizzle	Drizzle	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
10%	30%	40%	40%	80%	90%	00%	80%

Forecast for Sunday 30 Jul 2023

Weather: Mostly cloudy start with drizzly outbreaks expected, particularly for western slopes. One or two bright spells developing further east, but these will be short-lived with isolated showers developing. Cloud thickening from the southwest late morning ahead of a band of rain arriving. This rain will be persistent, turning heavy at times. Wind strengthening with gales possible later across higher ground.

Chance of cloud-free hill tops above 800m: 30% at first in the west, 70% elsewhere. Lowering to 20% from the west through the afternoon.

Low Cloud and visibility: Banks of cloud with bases around 400m initially, especially across western slopes. Cloud lifting steadily to around 1000m during the morning, with breaks in the east. Cloud thickening from the southwest late morning, becoming widespread Sunday afternoon with bases around 300-400m. Cloud bases perhaps remaining above 600m in the east until late afternoon. Visibility poor or very poor in early drizzle, then moderate in any showers. Good visibility for a time otherwise, before deteriorating to poor or very poor in rain.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 30 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	33/43 W	34/44 W	32/42 W	27/37 W	25/35 SW	30/41 SW	32/43 SW	37/49 SW	35/48 SW
600	23/32 W	24/33 W	23/32 W	22/32 W	21/30 SW	21/31 SW	22/33 SW	25/38 SW	25/37 SW
300	16/29 W	17/30 W	17/29 W	17/29 W	16/28 SW	14/27 SW	16/30 SW	18/34 SW	18/33 SW
Valley	16/29 W	17/30 W	17/30 W	17/30 W	16/28 SW	11/22 SW	14/28 SW	18/34 SW	16/31 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	8/2	7/2	8/2	8/3	9/4	10/6	10/6	11/6	11/6
600	10/6	9/5	10/6	10/7	11/8	12/8	12/8	13/9	13/9
300	12/10	12/9	12/9	13/10	14/11	14/12	14/12	14/12	15/12
Valley	14/11	13/10	14/10	15/12	16/13	15/14	16/13	16/13	16/13
Freezing Level*	2000m	2100m	2100m	2100m	2400m	2900m	3100m	3000m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early low cloud making for challenging navigation on higher routes in the west. Conditions deteriorating significantly through the afternoon with extensive low cloud and heavy rain. Balance may be affected at higher elevations given strong and gusty winds, and a risk of gales.

Forecast for Monday 31 Jul 2023

Weather: Widespread low cloud will struggle to clear during the day, with many hills likely remaining covered. Overnight rain is expected to give way through Monday morning with brighter spells developing in the east. Scattered showers then developing, perhaps turning locally heavy late afternoon and evening. More organised band of rain may arrive in the far north and northwest of the park towards midnight. Strong westerly or southwesterly winds gradually easing.

Maximum wind: West to southwest 25-35mph with gusts to 35-45mph. Gradually easing later.

Chance of cloud-free hill tops above 800m: 10%, increasing in the afternoon to 30% in the west and 60% in the east.

Low Cloud and visibility: Extensive low cloud with bases around 300m through the early hours, perhaps down to lower slopes towards western coasts. Low cloud associated with a rain band is expected to gradually lift to around 800-1000m, clearing hills in the west by the afternoon but likely persisting across higher hills in the west of the park. Cloud bases may lower further to 600m if rain arrives in the north and northwest late on. Visibility poor or very poor in early rain, slowly improving to good outside of cloud. Moderate to poor visibility in any showers or late rain.

Temperature: **Valleys:** Plus 14 Celsius rising to Plus 16 Celsius.
At 800m: Plus 10 Celsius.
Freezing level: Well above summits.

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Ground Conditions Supplement
Please see - https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/
Issued at: 1253 on Sat 29 Jul 2023

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